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1952

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

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JANUARY 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JANUARY 1952
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.8	61.7	61.9	62 1	16.9	11.1	14.4	15.2	13.9	14.5
2	61.6	61.2	63.6	62.1	16.0	11.0	12.4	15.4	11.9	13.2
3	66.7	66.0	67.0	66.6	16.9	9.5	13.4	16.0	13.4	14.3
4	67.0	66.6	68.0	67.2	16.3	12.1	12.8	16.1	13.9	14.3
5	67.7	65.8	64.5	66.0	17.1	11.7	14.1	16.1	14.1	14.8
6	62.2	62.1	63.3	62.5	17.2	10.9	13.8	14.4	14.4	14.2
7	64.1	63.2	66.0	64.4	15.1	11.6	12.7	14.9	14.2	13.9
8	64.2	63.4	62.5	63.4	15.3	7.6	13.5	11.1	10.2	11.6
9	59.8	57.8	57.0	58.2	16.5	6.1	8.8	7.6	7.3	7.9
10	59.3	58.9	60.4	59.5	10.7	5.2	6.7	9.1	7.2	7.7
11	62.5	65.0	64.5	64.0	13.8	9.1	10.2	11.1	10.0	10.8
12	64.2	65.2	66.9	65.4	15.0	10.8	13.9	14.8	12.3	13.7
13	70.2	69.7	70.4	70.1	16.9	11.4	15.0	15.4	14.9	15.1
14	70.4	68.5	65.6	68.2	17.3	11.9	14.3	16.6	14.6	15.2
15	63.0	60.6	60.1	61.2	16.8	9.4	13.4	15.8	14.1	14.4
16	59.1	59.6	62.3	60.3	14.8	9.4	10.4	15.7	14.0	13.4
17	67.6	67.2	67.1	67.3	12.1	11.2	12.2	12.6	12.8	12.5
18	65.1	63.1	62.5	63.6	16.6	11.2	11.7	15.6	14.1	13.8
19	62.5	62.7	63.7	63.0	17.8	11.1	16.1	18.2	14.2	16.2
20	60.9	61.3	61.0	61.1	17.2	11.7	14.4	17.3	16.1	15.9
21	62.8	62.7	65.1	63.5	18.2	10.0	14.9	16.7	13.3	15.0
22	66.8	66.4	65.9	66.4	15.5	10.6	12.3	13.4	12.4	12.7
23	65.8	65.6	65.7	65.7	15.2	10.3	11.7	15.0	12.2	13.0
24	64.4	62.4	61.7	62.8	16.7	11.7	15.4	14.9	12.3	14.2
25	63.7	64.7	65.6	64.7	17.7	10.8	16.1	17.3	13.6	15.7
26	65.5	66.9	63.5	65.3	17.8	12.2	13.3	14.6	12.9	13.6
27	59.4	62.2	62.9	61.5	17.7	11.7	16.2	17.2	13.7	15.7
28	65.9	64.7	63.5	64.7	16.4	12.2	13.9	17.3	13.9	15.0
29	62.9	62.3	62.3	62.5	17.8	12.1	14.9	16.6	14.0	15.2
30	61.0	60.3	60.0	60.4	17.4	13.6	15.0	16.7	15.4	15.7
31	61.0	60.3	60.4	60.6	19.2	12.8	15.5	16.8	15.2	15.8
	63.87	63.48	63.70	63.68	16.31	10.70	13.33	15.15	13.11	13.85

Barometer, range for month 770.4 mm. — 757.0 mm
„ 71-yr. average for month 763.184 mm.
Thermometer, range for month 19.2°C — 5.2°C
„ 71-yr. average for month 13.72°C
Rain total for month 119.24 mm.
„ 71-yrs average for month 190.28 mm.
„ Total, Sept. 1st. to end of month 810.71 mm.
„ 71-yrs. average. Sept. 1st. to end of month 564.55 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	11.5	12.5	10.5	11.5	70	72	66	69	9.3	214.0	
2	11.0	11.1	12.8	11.6	78	64	91	78	3.0	225.0	2.54
3	10.5	13.0	7.0	10.2	70	74	44	63	2.1	248.0	
4	11.4	12.1	12.9	12.1	77	70	81	76	4.3	259.0	9.40
5	10.0	13.1	12.4	11.8	69	71	79	73	2.2	245.0	
6	12.9	13.9	12.5	13.1	84	88	76	83	1.9	290.0	10.92
7	12.8	10.6	12.9	12.1	87	63	81	77	1.4	196.0	4.06
8	12.9	12.3	10.1	11.8	84	93	81	86	4.4	187.0	1.78
9	11.0	9.4	9.4	9.9	97	90	90	92	0.0	531.0	32.26
10	9.0	8.0	8.9	8.6	91	69	88	83	0.0	399.0	16.26
11	7.5	7.9	8.0	7.8	61	59	66	62	6.4	338.0	
12	11.9	12.0	13.3	12.4	75	72	92	80	4.3	232.0	11.17
13	13.5	11.5	12.5	12.5	78	68	75	74	8.3	484.0	4.32
14	10.6	13.1	13.4	12.2	65	72	80	72	7.2	348.0	
15	8.7	12.1	14.4	11.7	57	69	91	72	5.7	354.0	
16	12.3	11.6	11.9	11.9	97	65	74	79	6.2	275.0	19.56
17	9.6	9.2	13.8	10.9	68	65	93	75	9.5	211.0	
18	8.3	11.1	8.3	9.9	61	60	54	58	8.1	163.0	
19	12.1	14.3	12.4	12.9	65	70	78	71	9.6	254.0	
20	13.4	15.3	15.6	14.8	80	77	89	82	9.8	262.0	
21	14.0	17.3	13.8	15.0	82	92	90	87	6.2	402.0	
22	12.8	15.3	12.8	13.3	89	99	91	93	7.3	327.0	4.32
23	12.8	14.5	12.3	13.2	93	86	87	89	7.8	200.0	3.05
24	15.6	13.9	12.8	14.4	89	85	88	87	8.1	267.0	
25	14.1	14.8	11.9	13.6	76	74	78	77	9.0	251.0	
26	11.4	12.5	9.6	11.2	75	77	66	73	9.6	167.0	
27	14.6	16.3	11.9	14.3	80	83	80	81	9.3	418.0	
28	12.9	16.3	13.9	14.4	80	82	87	83	9.5	241.0	
29	14.0	16.7	13.9	14.9	83	90	89	87	8.2	177.0	
30	15.0	16.8	14.5	15.4	88	88	85	87	5.8	200.0	
31	15.6	16.3	15.5	15.8	88	86	90	88	7.9	212.0	
	12.00	13.00	12.10	12.40	78.6	76.5	80.6	78.6	6.20	276.67	3.85

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1sw	1sw	1sw	light	
2	10cu	7cu-ci	5cu-c	7.3	1sw	1sw	1sw	,,	
3	9cu	10cu-ni	3cu	7.3	1sw	1sw	1sw	,,	
4	8cu	5cu-ci	10cu	7.7	1s	2sw	1w	,,	
5	9cu	8cu-ci	5cu	7 3	1sw	1sw	1sw	,,	
6	8cu	9cu-ni	10cu-ni	9.0	1sw	1sw	3sw	light	
7	10cu-ni	9cu-ni	8cu	9.0	1sw	1sw	1sw	,,	
8	5ci	10ni	10cu	8.3	1sw	1sw	1sw	,,	
9	10ni	10ni	10cu-ni	10.0	2sw	2sw	3sw	slight	Th., p m.
10	10ni	10ni	4cu-ni	8.0	2sw	1sw	2sw	,,	
11	4cu	4cu	5cu	4.3	2w	2sw	1sw	slight	
12	9cu	5cu	10ni	8.0	2sw	1sw	2sw	light	
13	0	3cu	3cu	2.0	3sw	2sw	2sw	slight	
14	5ci	10cu	5ci	6.7	1sw	1sw	2sw	light	
15	10ci	4cu	10ni	8.0	2sw	1sw	2sw	,,	
16	10ni	3cu	0	4.3	1sw	1sw	1sw	light	
17	0	0	0	0.0	1s	1sw	1sw	,,	
18	8ci	8ci	0	5.3	1s	1s	1s	,,	
19	0	0	0	0.0	1s	2s	1s	,,	
20	0	0	0	0.0	1s	1s	2s	,,	
21	5cu	9cu	0	4.7	1s	3s	2s	slight	
22	9cu	4cu	10ci	6.7	1s	2s	1s	,,	
23	6cu	8cu	1cu	5.0	1sw	1sw	1sw	,,	
24	10ci	3cu-ci	7cu	6.7	1sw	1sw	1sw	light	Tr., p.m.
25	0	0	4cu	1.3	2sw	1sw	1sw	,,	
26	0	0	0	0.0	1sw	1sw	1sw	light	
27	0	0	0	0.0	1sw	3ne	2ne	slight	
28	0	0	0	0.0	1sw	1sw	1sw	light	
29	5cu	4cu	0	3.0	1sw	2sw	2sw	,,	
30	10cu	8cu	10cu	9.3	1sw	1sw	1sw	,,	
31	8cu	2cu	1cu	3.7	1sw	1sw	1sw	,,	Tr. p.m.
	Mean			4.90					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	7	23	1	0	0	31
14:30	0	1	0	0	5	25	0	0	0	31
20:30	0	1	0	0	5	24	1	0	0	31
Total	0	2	0	0	17	72	2	0	0	93

Number of day with rain 12, fog 0, thunderstorms 1, gale 0.
71 yr. av. number of days with rain during mouth 15.67